

Joint Service Lightweight Integrated Suit Technology (JSLIST)



Mission

Protect personnel from chemical and biological weapons and agents with a protective clothing ensemble that can be tailored to the diverse operational needs of the Soldier, Sailor, Airman, and Marine.

Description and Specifications

The **Joint Service Lightweight Integrated Suit Technology (JSLIST)** overgarment is the first DoD-managed chemical-biological (CB) protection program and is led by the U.S. Marine Corps. Soldiers wear the overgarment in all environments when under imminent threat of a chemical attack and after initiation of chemical operations. The JSLIST Block 1 Glove Upgrade initiative satisfies an immediate need for a lightweight, tactile, fire resistant, chemical-protective glove with greater dexterity and comfort than the current butyl (7 mil. and 14 mil. only, Cloutier dual glove systems only for aviation and CVC personnel) CB protective glove. In an attempt to encourage competition and lower costs, the JSLIST program solicits JSLIST overgarments in alternate materials but with the same design as the original JSLIST. The purpose of the JSLIST Additional Source Qualification (JASQ II) program is to qualify additional manufacturers to provide JSLIST overgarments.

The JSLIST overgarment is lighter and less bulky than previous chemical protective garments, is more durable, and provides more protection against liquid and vapor chemical challenges. Trousers have bellows-type pockets, a high-waist, adjustable suspenders, and an adjustable waistband with a slide fastener front opening with protective flap and a bellows pocket with a flap located on each thigh and two hook-and-pile ankle adjustment tabs on the leg openings. The coat has an integral hood, a slide fastener front concealed by a flap with hook-and-pile closure, enclosed extendable elasticized drawcord hem with jacket retention cord, full-length sleeves with hook-and-pile wrist closure adjustment tabs, and an outside bellows pocket with flap on the left sleeve. The outer shell is woodland or desert camouflage, with a 50/50 nylon/cotton poplin

rip-stop lining with a durable water repellent finish. The liner is a nonwoven front laminated to activated carbon spheres bonded to a tricot knit back. Glove candidates could be liners for wear under existing gloves, a CB glove, or a combination glove shell and separate liner. Candidates must be more durable. The JASQ II must have the same characteristics as JSLIST.